

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the Application. Deletions are ~~striketrough~~ and additions are underlined.

1. (Currently amended) A purified extract isolated from Cucurbitaceae family plant prepared by the steps consisting of:
 - adding about 5 to 15 fold volume of distilled water to dried material of Curcubitaceae family plant,
 - extracting the plant to obtain plant extract,
 - filtrating and drying the extract with reduced pressure to obtain hot water-soluble extract of the plant at 1st step;
 - suspending said hot water-soluble extract with water and subjecting fractionation with hexane, chloroform, ethylacetate, butanol solvent with increasing order of polarity to obtain respective organic solvent-soluble fraction at 2nd step;
 - subjecting said chloroform-soluble fraction to silica gel column chromatography with a solvent mixture mixed with hexane: chloroform: methanol (16:15:1) to afford 11 sub-fractions at 3rd step;
 - subjecting 9th faction among said sub-fractions to repetitive silica gel column chromatography with a solvent mixture mixed with chloroform: methanol and HPLC to obtain inventive purified extract designated to “cmc-9” having potent anti-obesity and anti-adipogenic activity and showing TLC spectrum as ~~can be seen~~ in Fig. 12

2. (Currently amended) A pharmaceutical composition comprising the extract of Cucurbitaceae family plant or the purified extract as set forth in claim 1 having anti-adipogenic and anti-obesity activity as an active ingredient in an effective amount to treat and prevent obesity and adipogenesis-involved diseases.
3. (Currently amended) The pharmaceutical composition ~~according to~~ of claim 2, wherein said Cucurbitaceae family plant is selected from the group consisting of pumpkin (*Cucurbita moschata* DUCH), water-melon (*Citrullus vulgaris* SCHRAD), sponge gourd (*Luffa cylindrical* L. ROEM), gourd (*Lagenaria siceraria* STANDL. var. depressa HERA), and cucumber (*Cucumis sativus* L).
4. (Currently amended) The pharmaceutical composition ~~according to~~ of claim 3, wherein said Cucurbitaceae family plant is selected from pumpkin (*Cucurbita moschata* DUCH), water melon (*Citrullus vulgaris* SCHRAD), and sponge gourd (*Luffa cylindrical* L. ROEM).
5. (Currently amended) The pharmaceutical composition ~~according to~~ of claim 2, wherein said extract of Cucurbitaceae family plant is extracted from the stem or leaf thereof.
6. (Currently amended) The pharmaceutical composition ~~according to~~ of claim 2, wherein said obesity and adipogenesis-involved diseases is selected from the group consisting of ~~comprises~~ obesity, type II diabetes, steatosis, hyperlipemia, cardiovascular disease, and ~~arteriosclerosis and the like~~.
7. (Currently amended) The pharmaceutical composition ~~according to~~ of claim 2, wherein said extract is selected from the group consisting of crude extract ~~or~~ and non-polar solvent soluble extract.
8. (Currently amended) The pharmaceutical composition ~~according to~~ of claim ~~7~~2, wherein said extract is hot-water soluble extract.

9. (Currently amended) The pharmaceutical composition ~~according to~~ of claim 7, wherein said non-polar solvent is selected from the group consisting of hexane, chloroform, dichloromethane, and ethylacetate.
10. (Currently amended) The pharmaceutical composition ~~according to~~ of claim 9, wherein said non-polar solvent is chloroform.
11. (Currently amended) The pharmaceutical composition ~~according to any one among~~ of claims 2 ~~to 10~~, wherein the pharmaceutical composition contains about 0.02 ~ 90% by weight of the ~~above~~-extract based on the total weight of the pharmaceutical composition.
12. (Original) health care food comprising a crude extract, non-polar solvent soluble extract of Cucurbitaceae family plant or cmc-9 extract as set forth in claim 1, together with a sitologically acceptable additive for the prevention and alleviation of obesity and adipogenesis-involved diseases.
13. (Currently amended) The health care food ~~according to~~ of claim 12, wherein said food is health care beverage.